

Kaxiras 2-2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): S. Kaxiras et al.
Case: 2-2
Serial No.: To Be Assigned
Filing Date: June 9, 2000
Title: Directory-Based Prediction Methods and Apparatus
for Shared-Memory Multiprocessor Systems
Group: To Be Assigned
Examiner: To Be Assigned

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16-30-00
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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants' attorney wishes to bring to the attention of the Patent and Trademark Office the following documents listed on the accompanying Form PTO-1449. A copy of each listed document is enclosed.

1. S.S. Mukherjee et al., "Using Prediction to Accelerate Coherence Protocols," Proceedings of the 25th Annual International Symposium on Computer Architecture (ISCA), pp. 1-12, June-July 1998.

2. A. Lai et al., "Memory Sharing Predictor: The Key to a Speculative Coherent DSM," Proceedings of the 26th Annual ISCA, 12 pages, May 1999.

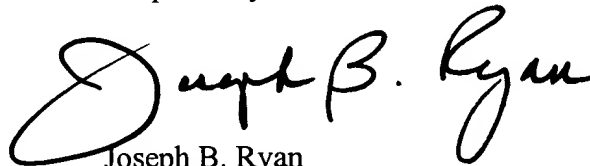
3. S. Kaxiras et al., "Improving CC-NUMA Performance Using Instruction-Based Prediction," Proceedings of the 5th Annual IEEE Symposium on High-Performance Computer Architecture (HPCA), pp. 1-25, January 1999.

4. S. Kaxiras, "Identification and Optimization of Sharing Patterns for Scalable Shared-Memory Multiprocessors," PhD. Thesis, Computer Sciences, University of Wisconsin-Madison, 1998.

5. S. Kaxiras et al., "Coherence Communication Prediction in Shared Memory Multiprocessors," Proceedings of the 6th Annual IEEE Symposium on High-Performance Computer Architecture (HPCA), 12 pages, January 2000.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability, or as a representation that no other material information exists.

Respectfully submitted,

A handwritten signature in black ink, reading "Joseph B. Ryan". The signature is fluid and cursive, with the first name "Joseph" and last name "Ryan" clearly legible.

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